

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
SPECIAL PROVISION**

**Section 400 – Hot Mix Asphaltic Concrete Construction**

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**400.5.01 Adjustments** – Add the following:

**F. Asphalt Cement Price Adjustment**

1. **Formula:** The Asphalt Cement Price Adjustment will be computed on a *monthly* basis in accordance with the following:

PA = Price Adjustment.

APM= the “Monthly Asphalt Cement Price” for the month the hot mix asphalt is placed.

APL = the “Monthly Asphalt Cement Price” for the month which the project was let.

TMT = Total Monthly Tonnage of asphalt cement computed by the Engineer based on the Hot Mix Asphaltic Concrete of the various types per ton (megagram) certified for payment.

- a. If the asphalt cement price for the month is *greater* than the asphalt cement price for the month in which the project was let:

$$PA = [((APM-APL)/APL) - 0.05] \times TMT \times APL$$

- b. If the asphalt cement price for the month is *less* than the asphalt cement price for the month in which the project was let:

$$PA = [((APM-APL)/APL) + 0.05] \times TMT \times APL$$

2. **Price Adjustment “Triggers”:** No price adjustment shall be made on any hot mix asphalt placed between the letting date and 180 days after the letting date. A price adjustment shall not be made until the APM is greater than 5% above or below the APL.
3. **“Monthly Asphalt Cement Price”:** The Department will determine and publish a “Monthly Asphalt Cement Price” based on the following formulas:

$$\text{Monthly Asphalt Cement Price} = (50\% \times \text{NBAP}) + (50\% \times \text{LBAP});$$

Where;

NBAP = “National Base Asphalt Price”, (in dollars/ton) is calculated based on arithmetic average of the previous four weeks “Posted Prices Asphalt Cement” for the

“East Coast Market – GA/FL” as listed in the “ASPHALT WEEKLY MONITOR®” published by “Poten and Partners” or at [www.poten.com](http://www.poten.com).

LBAP = “Local Base Asphalt Price”, (in dollars/ton) is based on the arithmetic average posted price of PG asphalt cement as specified in Section 820, from the Department’s monthly survey obtained from approved asphalt cement suppliers of bituminous materials to the Department projects F.O.B. the suppliers terminal. However, the highest price and the lowest price are excluded from the calculation of average price, LBAP.

4. **“Asphalt Cement Quantity Calculation”:** The calculation of asphalt cement quantity for each mix type will be based on the asphalt cement content (**AC %**) of the approved Job Mix Formula (JMF) as specified in Subsection 400.1.03.C. The following calculation formula will be used to determine asphalt cement quantity:

Asphalt Cement Quantity = Hot Mix Asphaltic Concrete monthly total in tons (megagrams) per mix type certified for the payment x **AC (%)**

The Total Monthly Tonnage (TMT) of asphalt cement computed by the Engineer will be calculated as follows:

TMT = Sum of all asphalt cement quantities, including polymer modified asphalt binder and non-modified asphalt cement, based on the Hot Mix Asphaltic Concrete of the various mix types per ton (megagram) certified for payment.

Asphalt Cement Price for the Month (APM) will be adjusted monthly. Price adjustments (PA) will be made monthly and all calculations for Price Adjustments shall be performed by the Engineer as specified in SOP-39 “Determination of Asphalt Cement Index and Asphalt Cement Price Adjustment”.

5. **“Other Restrictions”:**
- a. No asphalt cement price adjustment will be made for cut-back, tack-coat or emulsified asphalt.
  - b. No asphalt cement price adjustment will be made for asphalt cement for surface-treatment projects.
  - c. There is a cap of 50% above the APL for any price adjustment.
  - d. Unless specifically provided for by Supplemental Agreement or Contract Amendment, no further asphalt cement price adjustment will be made after ***the original Contract Time has expired***. Irrespective of any other provision in the contract, for purposes of this specification, “Contract Time” does not include any time extensions or Supplemental Agreements which affect the completion of the Contract. The Asphalt Cement Price Adjustment for any hot mix asphalt placed after the original Contract Time expires will be computed based on the Monthly Asphalt Cement Price at the time the Contract Time has expired, or the Monthly Asphalt Cement Price at the time the Contract was let, *whichever is less*.